

## **STOVE SWITCH SAFETY COVER**

### **ABSTRACT OF THE DISCLOSURE**

The stove switch safety cover is a child safety device that is designed to deny children access to the control knobs of a stove. This shield would extend the entire width of the stove controls, covering and protecting the knobs from the child. The device would primarily consist of a back plate that would be mounted to the stove's control panel behind the knobs, a magnetic strip placed on the front of each control knob, a cover attached to the right edge of the back plate with a hinge, magnetic switches located on the interior of the cover, and a locking mechanism on the left edge of the cover. The magnetic switches would be spaced along the inside of the cover so they line up with the control knobs of the stove. When the cover is locked, the contacts in the magnetic switches would close when the magnetic strips are in polar and vertical alignment with the magnetic switches, allowing the illumination of an LED associated with each control knob when the control knob is placed in the OFF position. The LEDs are placed such that they can be viewed from the front of the locked cover. The LEDs will only be lit when the control knobs are in the locked position and the cover is in the closed position.